

# EIELSON AIR FORCE BASE ALASKA

## RESTORATION ADVISORY BOARD MEETING #22

21 February 2004





# **EIELSON AFB RESTORATION ADVISORY BOARD CO-CHAIRS**

- **Eielson AFB - Colonel Bennett Bitler**
- **Moose Creek - Ms. Terry Huisman**
- **North Pole - Mr. John Mazzitello**
- **Salcha - Vacant**



# AGENCY PROGRAM MANAGERS

- EPA Region 10 – Ms. Mary Jane Nearman
- ADEC – Ms. Ann Farris



# EIELSON AFB PROGRAM MANAGERS

- BCE – Lt Col Alan Wieder
- CEV Flight Commander – Capt Max Johnson
- Restoration Chief – Mike Raabe
- Project Managers – Dave Beistel  
Brian Merrick  
Diane Bryan  
Heidi Durako (incoming)



# **FY03 FIELD SEASON ACTIVITIES FOLLOW-UP**

- **Decommissioned Bioventing Systems at Sites ST-20 E-7 Complex & ST-48 .**
- **E-9 Complex partially decommissioned. Will complete demolition in spring FY04.**
- **Site ST-10/SS-14 Bioventing System Upgrade/Repair Underway**



# **FY03 FIELD SEASON ACTIVITIES FOLLOW-UP**

## **BLAIR LAKES FREE PRODUCT RECOVERY SYSTEM**

- **System is Operational and Functional.**
- **Planned system decommission following range facility demolition.**



# GARRISON SLOUGH FISH TISSUE SAMPLING

## Method

- Performed electro-shock event in FY03
- Collected approx. 150 fish specimens

## Purpose

- Determine age variant of fish in slough
- Chart PCB levels in tissue vs age of specimen
- Calculate median bioaccumulation rate of PCB's into the slough fish population



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# FY03 FIELD SEASON ACTIVITIES FOLLOW-UP

## SKINNER PROPERTY DRUM REMOVAL

- 63 Empty Drums Removed 17 Oct 2003, at the request of the RAB (November 2002 meeting)





# SKINNER PROPERTY DRUM REMOVAL





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# PLANNED FY04 FIELD SEASON ACTIVITIES

## LTO - BIOVENTING SYSTEMS/SITEWIDE SAMPLING AND ANALYSIS PROGRAM

- Operation and Maintenance of 2 Bioventing Systems
  - Pending FY04 AFCEE Contract with EA Engineering, Science, and Technology
  - Annual Base-wide Monitoring
  - Pending FY04 AFCEE Contract with EA Engineering, Science, and Technology



# FY04 ASSESSMENT OF TAR SEEP – SITE SS-35





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# **ASSESSMENT RESULTS**

## **TAR SEEP – SITE SS-35**

- **Assessment Report Received 19 Dec 03**
- **Asphalt Emulsion Components Consistent with Buried Debris and Materials Identified in the OU3,4,5 Remedial Investigation (RI) Document**
- **Elevated DDT and Break-Down Products Detected in Soil Samples Beneath the Removed Drums, but Within the Range Detected in the OU3,4,5 RI**
- **Additional Buried Drums Found 3 ft. bgs. and Left Buried in Place.**



# **RECOMMENDATIONS SITE SS-35**

- **Seep Did Not Adversely Affect the Selected Remedy for the Site**
- **Lab Results Verified Previously Known Site Conditions**
- **Additional Surface Water Samples to be Collected in 2004 – 2005 Sampling Events at the Site**
- **Additional Drums to Remain Buried on Site**



# **PLANNED FY04 FIELD SEASON ACTIVITIES**

## **NORTH BOUNDARY WELLS**

- **Yearly Sampling and Confirmational Lab Analysis of Analytes**
- **Yearly Field Measurement of Standard Aquifer Parameters (e.g. pH, Conductivity, Turbidity, D.O., Temp, TDS, Alkalinity, Water Level)**



# **FY03 5-YEAR ROD REVIEW**

## **PURPOSE**

**A Site -by- Site Review to Ensure Remedial Decisions Documented in the Record of Decision Documents are Achieving Specified Cleanup Goals in an Acceptable Manner and Remain Protective of Human Health and the Environment**

## **Goals for This Review Period**

- Review New Toxicity Standards**
- Propose Formal Closure of 15 IRP Sites**
- Draft and Document Logic Train Used to Support Decommissioning of Bioventing Systems and Free Product Recovery Systems, as well as Formal Closure of IRP Sites**



## **FY03 5-YEAR ROD REVIEW CONCLUSIONS**

- **Rod Review Completed 29 Sept 03**
  - **All remedies implemented are functioning properly**
  - **All Applicable or Relevant and Appropriate Requirements (ARAR's) were reviewed**
    - - **Cleanup levels established in the ROD's remain protective of human health and the environment**
- **Final Document To Go Up The Chain For Signature In January 2004**



# FY03 5-YEAR ROD REVIEW TEAM





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# ATSDR SITE VISIT JUNE 2004

- **AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY**
  - An agency of the Center for Disease Control (CDC)
- **Periodic Site Visit Required Under CERCLA for Federal Facilities on the NPL**

## **A review of:**

- **Initial Contaminated Site Health Risk Assessments**
- **Current contaminant levels and their proximity to human habitation**



# UPCOMING FY04 ATSDR VISIT

- **Goal: To determine the potential cumulative health risk of ALL contaminant sources on the federal facility**



## 2004 RAB Roundtable

- 2004 Alaska Forum on the Environment
- Date: 9-13 Feb 2004
- Location: Egan Convention Center Anchorage, AK
- **RAB Roundtable**
  - **Date/Time: 12 Feb, 8 AM – 5 PM**



# QUESTIONS

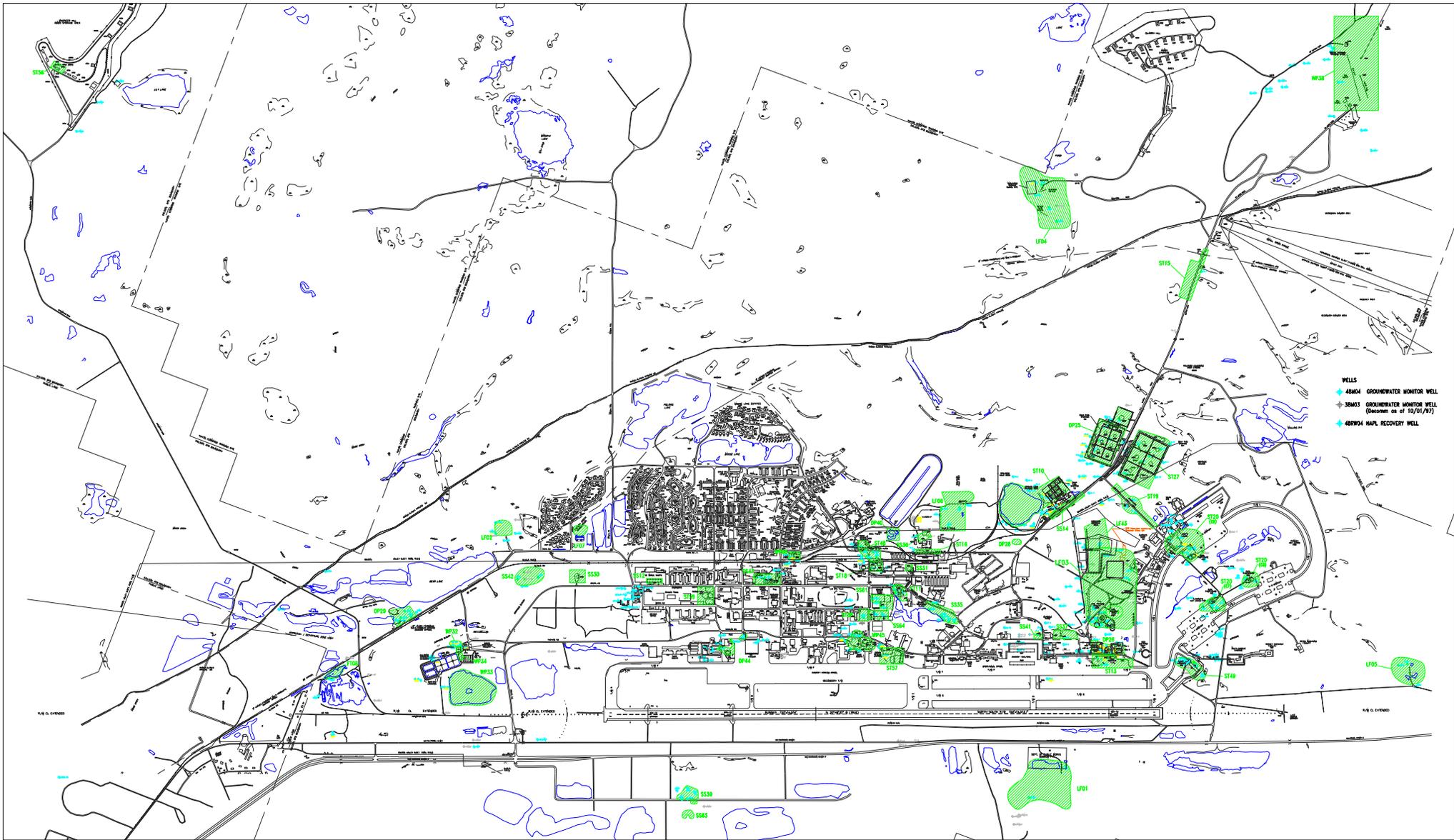


Figure 10. Environmental Condition of Property